

Missouri Water Resources Center

Missouri Rivers and Streams Flood
Conditions Report

April 30, 2024

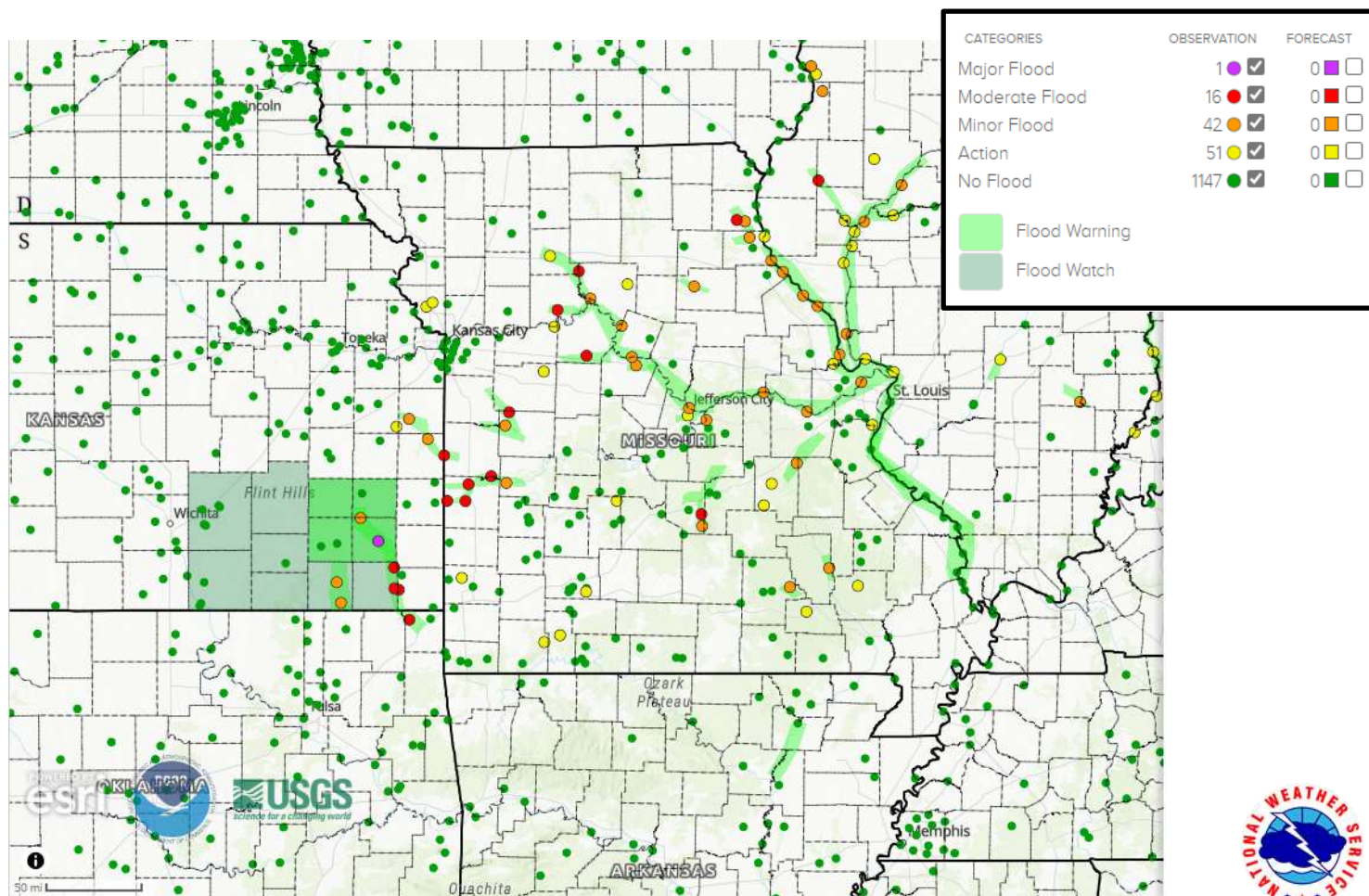


Missouri River Flooding Status

- 11 stream gages within Missouri are currently reporting moderate flood conditions. Most of those are concentrated in central western Missouri where the highest 7-day observed precipitation occurred. Minor flooding conditions are currently reported along the Missouri and Mississippi Rivers.
 - Flooding on the Missouri River is currently being driven by local rainfall and tributary flow rather than reservoir releases.
- Precipitation over the past 24 hours was limited to southeastern Missouri and ranged predominantly from 0.01-1.0 inches.
- Over the past 7 days, much of the state received 0.5-6.0 inches of precipitation, with isolated areas in Bates and Vernon counties receiving 6.0-10.0 inches.
- The Quantitative Precipitation Forecast for the next three days predicts 1.5-2.5 inches of precipitation in northwestern Missouri which gradates down to 0.25-0.5 inches for southeastern Missouri.
- River forecasts are currently only considering past precipitation and the precipitation expected approximately 24 hours into the future from the forecast issuance time.
- The long-range flood outlook predicts that moderate flooding will shift primarily to northcentral and northwestern Missouri over the May-July time frame.



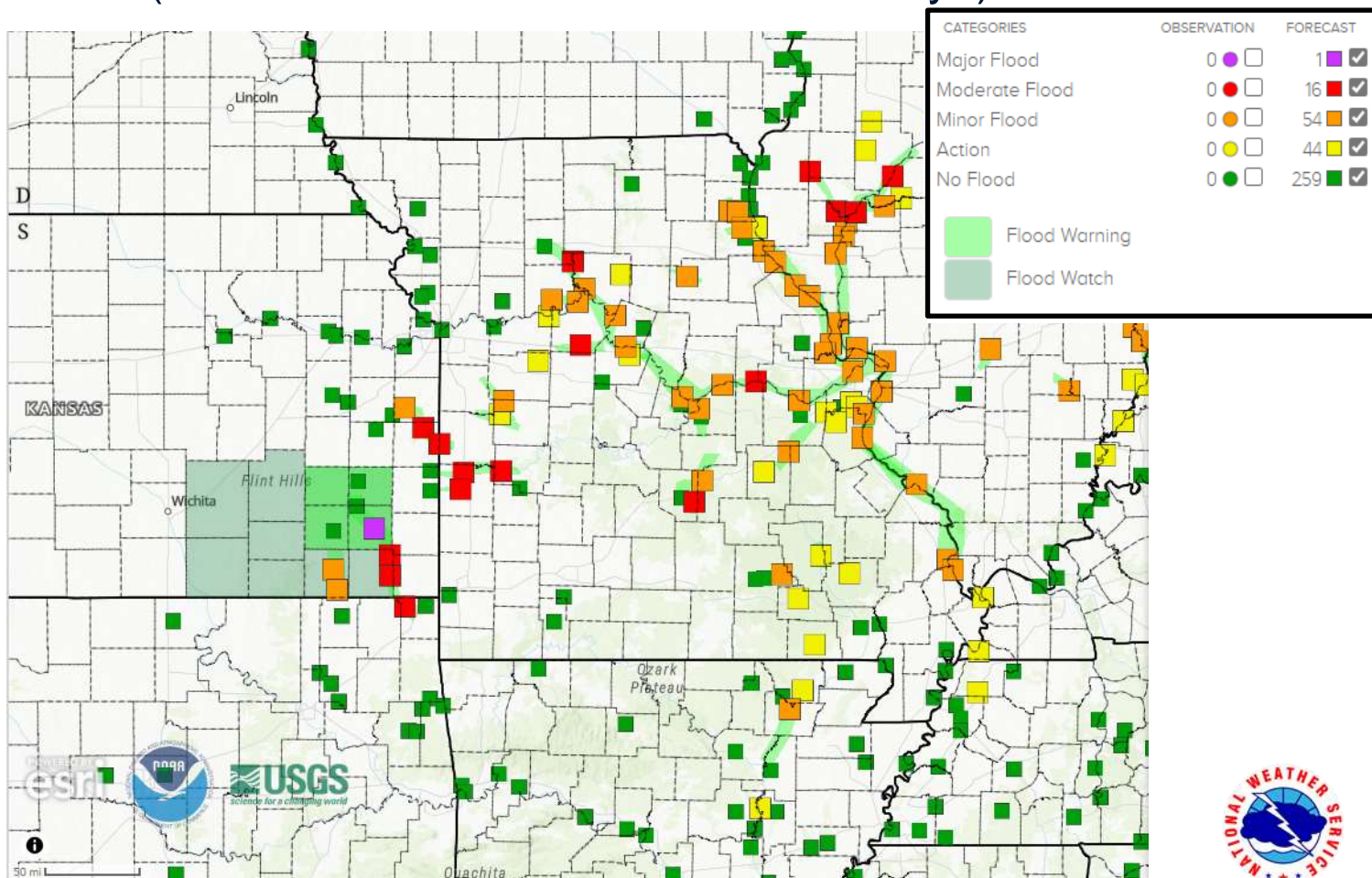
Current River and Stream Conditions





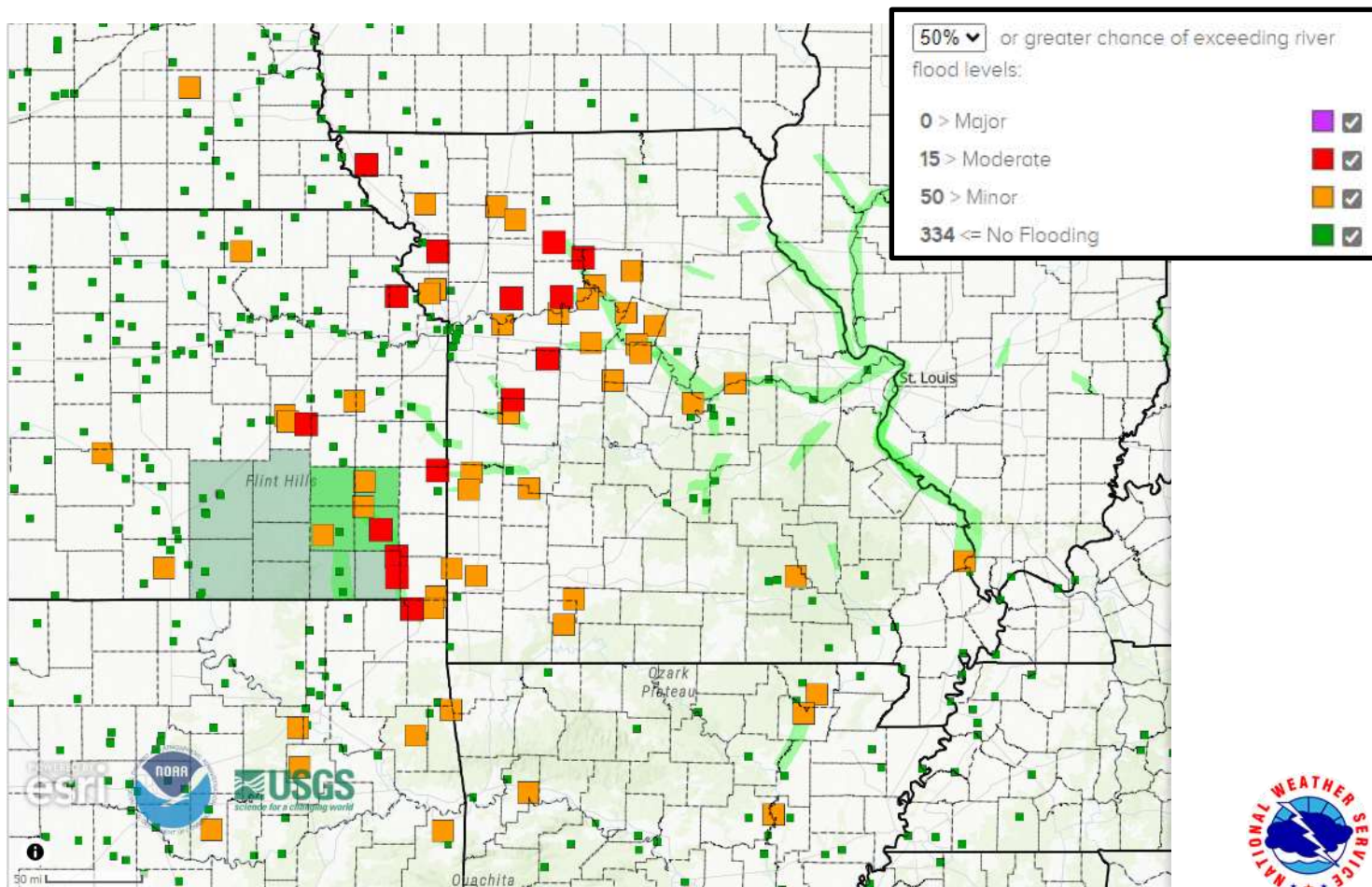
River Forecast Conditions

(Maximum for Entire Period 1-13 Days)





Long-Range Flood Outlook (May - July)



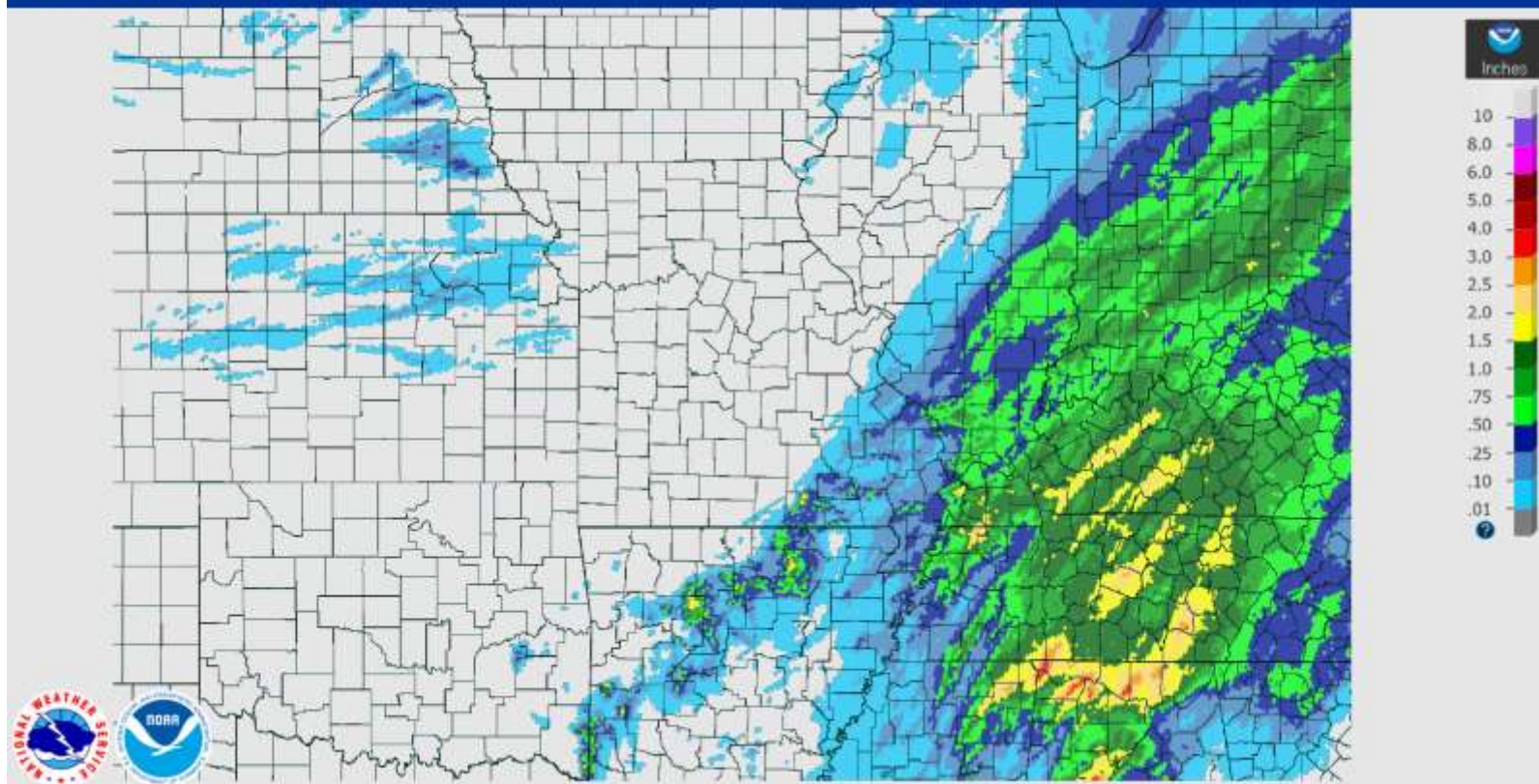


One-Day Observed Precipitation

April 30, 2024 1-Day Observed Precipitation

Created on: April 30, 2024 - 15:31 UTC

Valid on: April 30, 2024 12:00 UTC

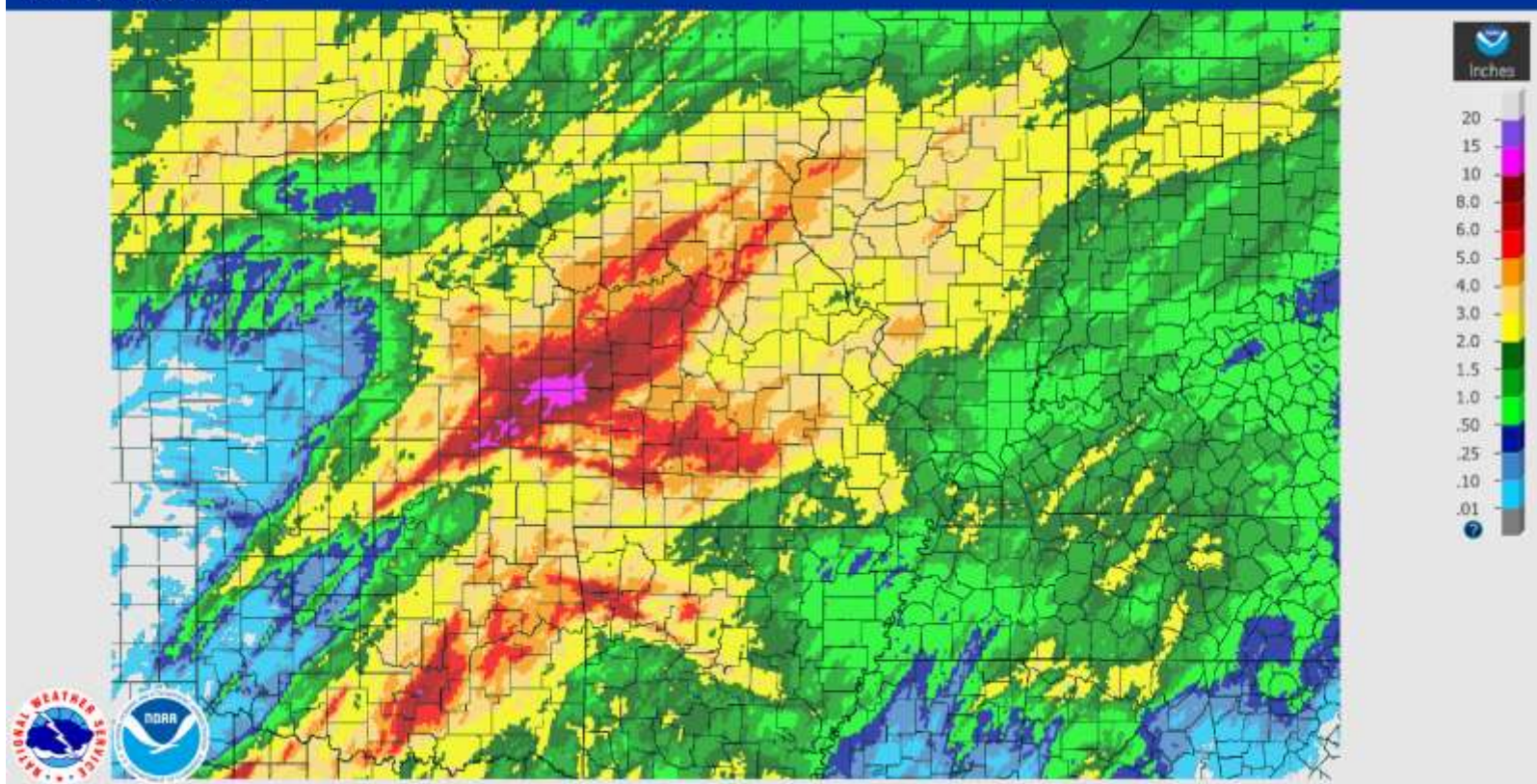


Seven-Day Observed Precipitation

April 30, 2024 7-Day Observed Precipitation

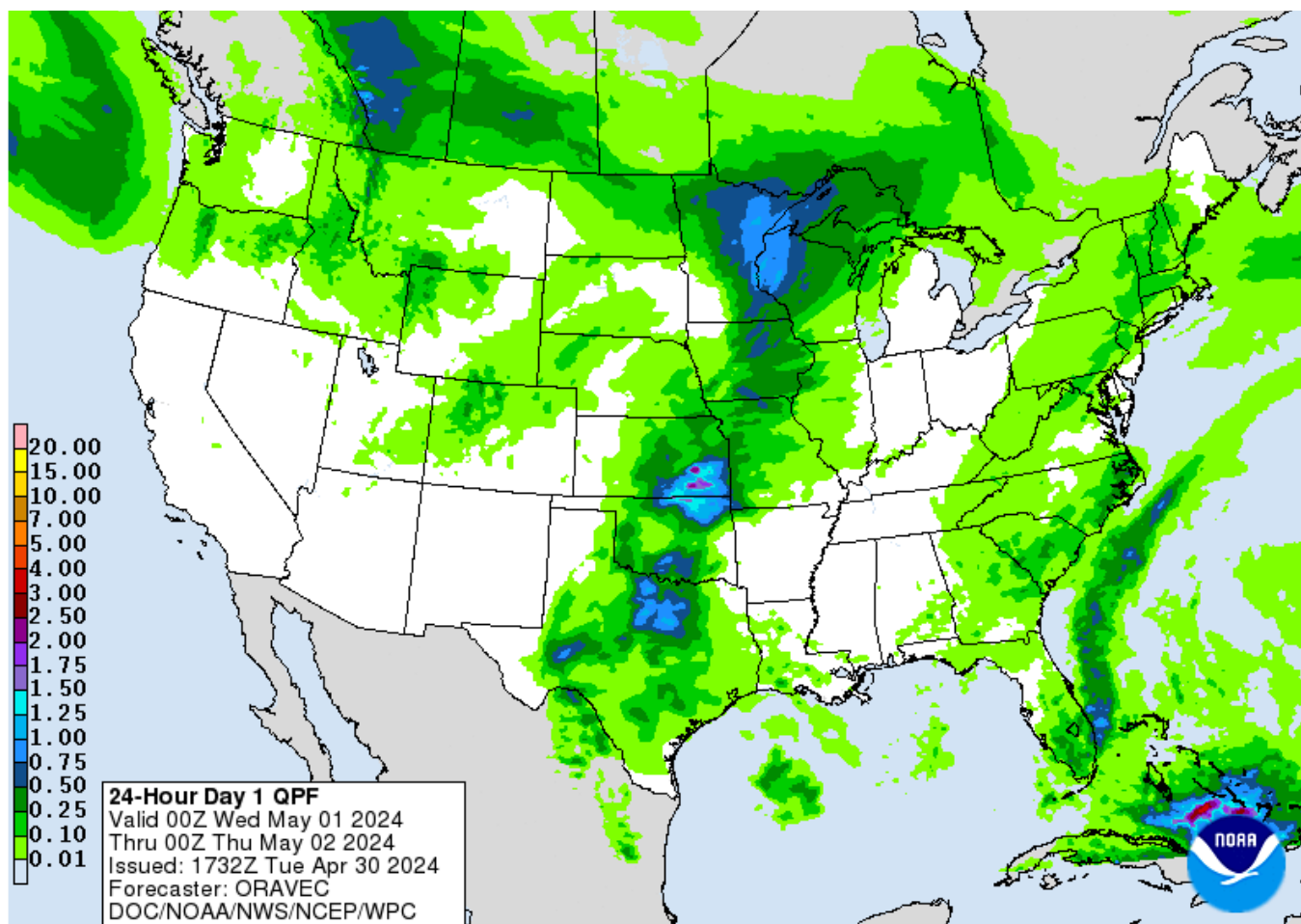
Created on: April 30, 2024 - 15:35 UTC

Valid on: April 30, 2024 12:00 UTC



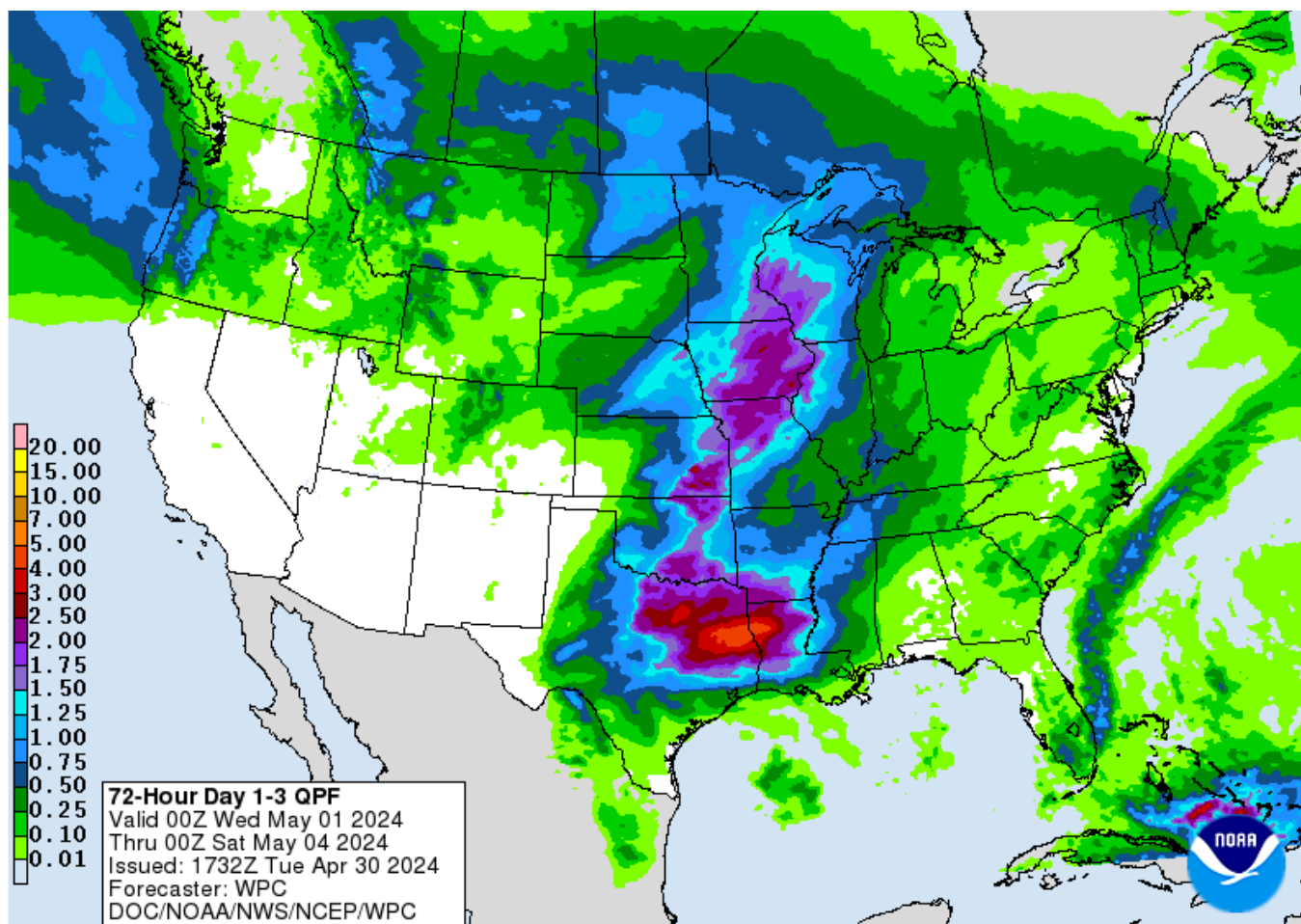


One-day Precipitation Forecast



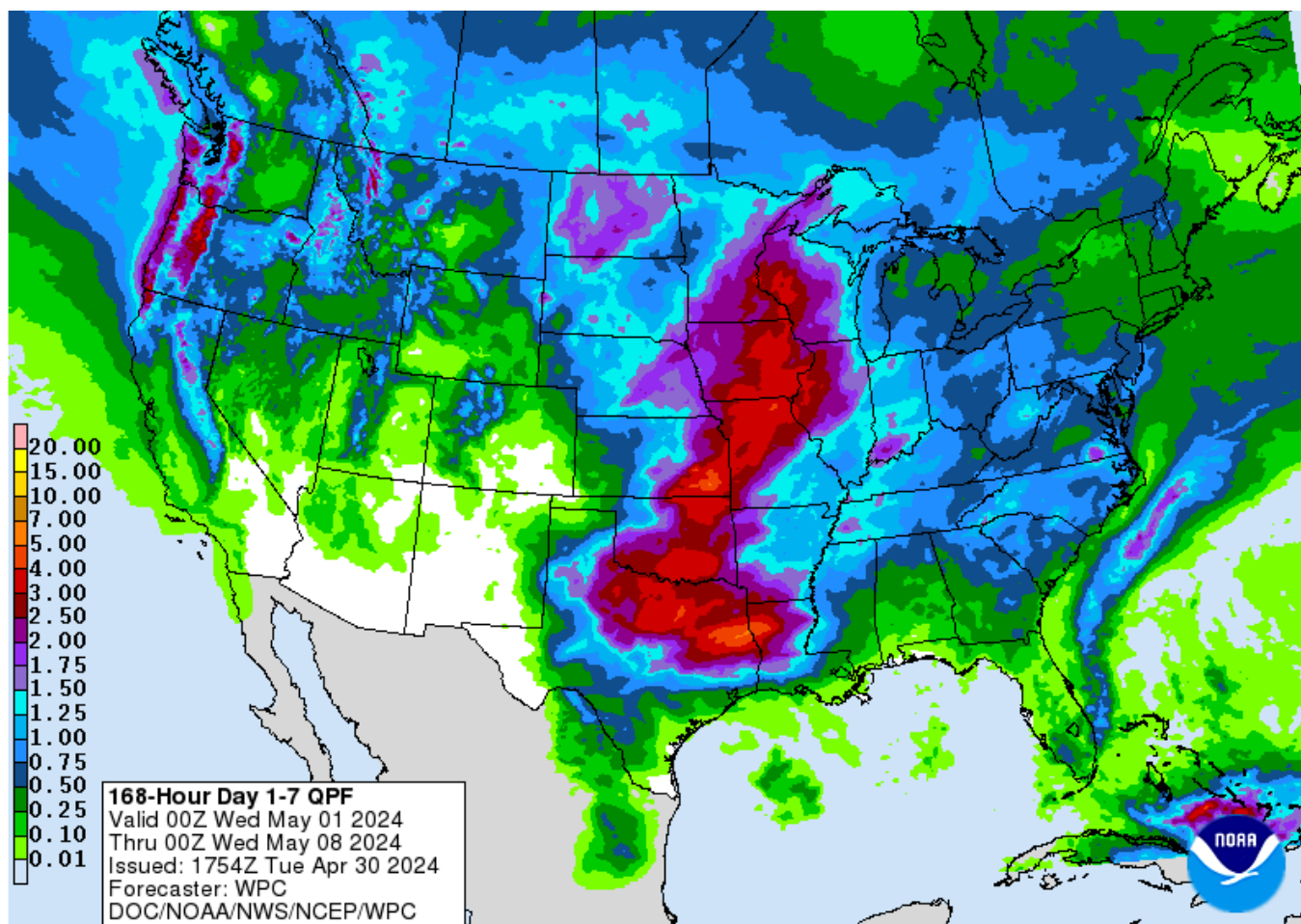


Three-day Precipitation Forecast





Seven-day Precipitation Forecast





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State-wide Active or Forecasted Flooding Gages





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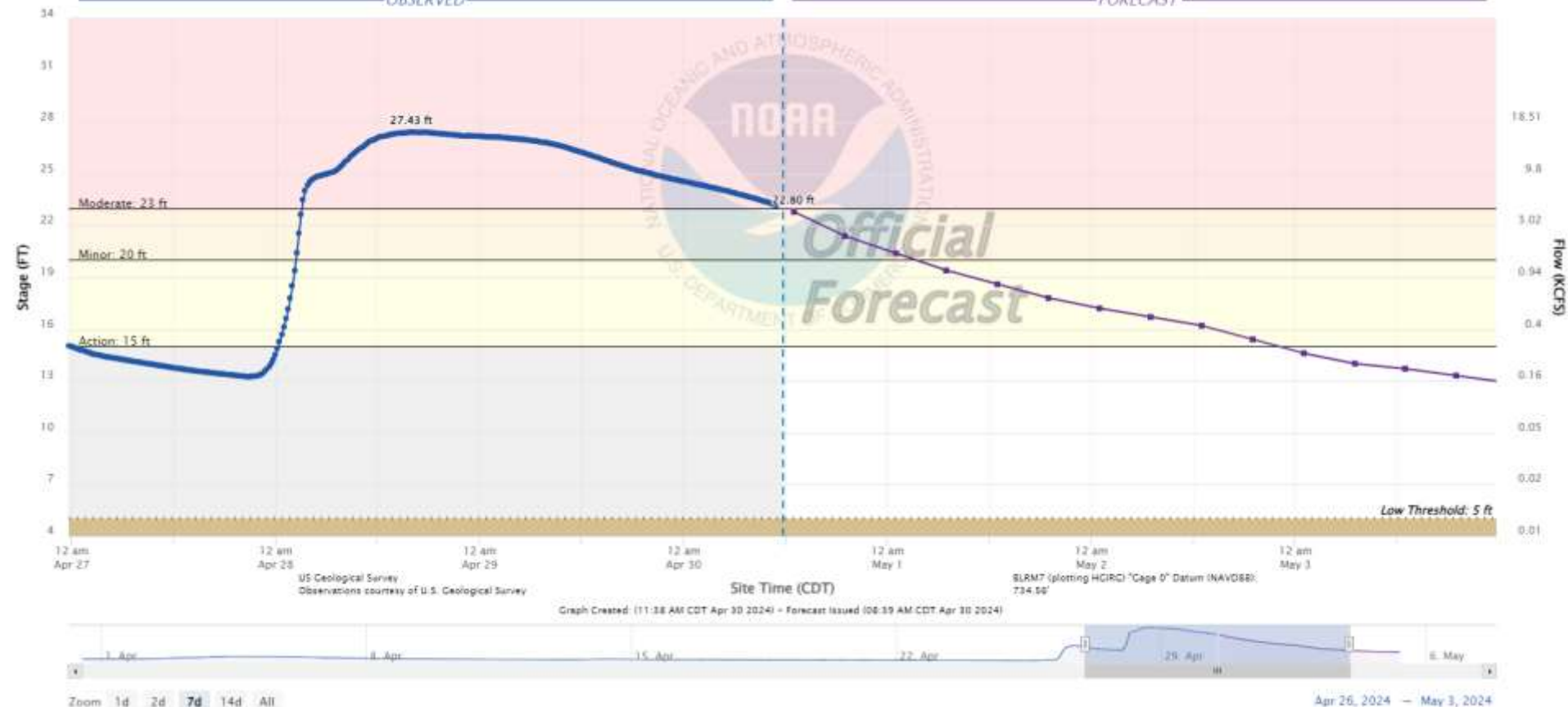
Latest observed value: 23.95 ft
11:00 AM CDT 30-Apr-2024
Flood Stage is 20 ft

Big Creek near Blairstown

NWSL: BLRM7, Reach ID: 2326561

OBSERVED

FORECAST



- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/BLRM7>





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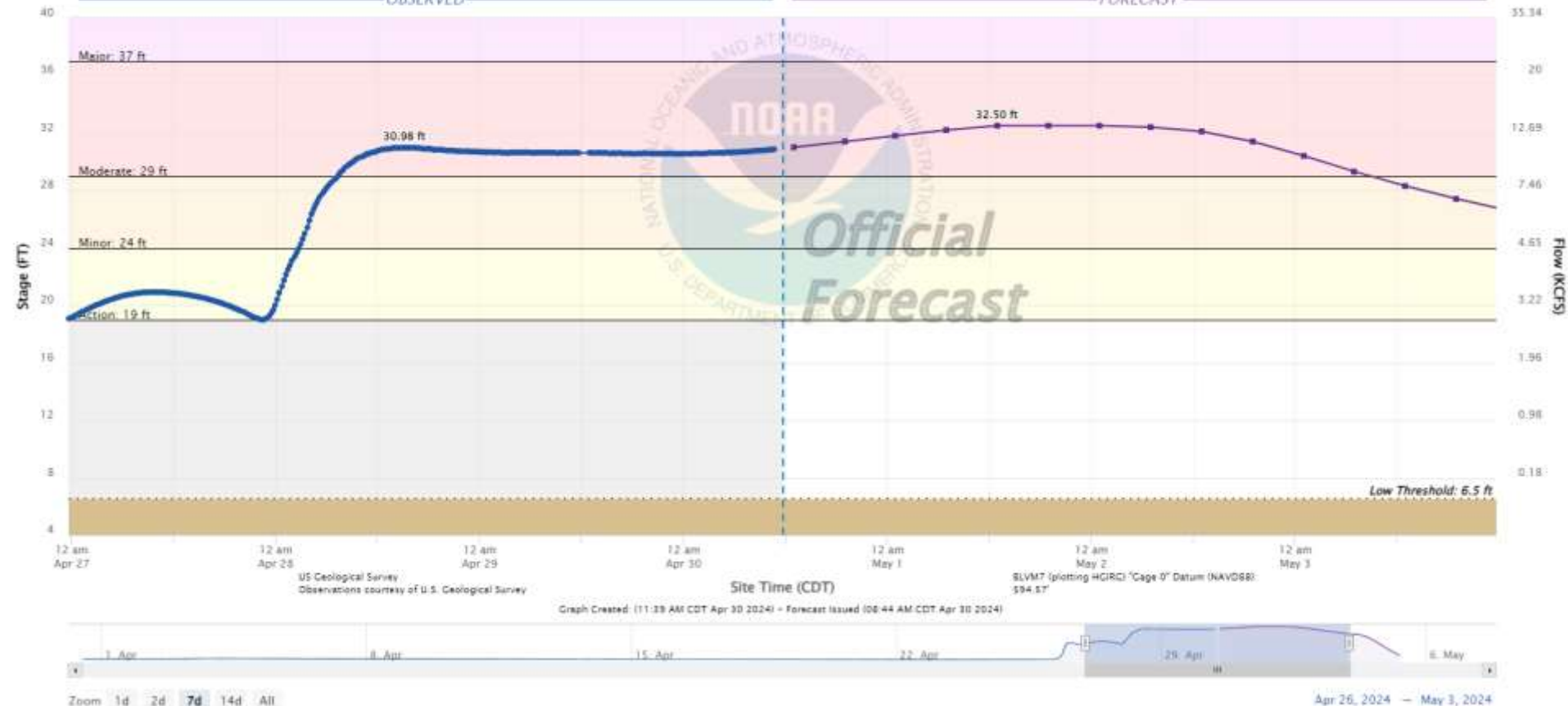
Latest observed value: 30.98 ft
10:45 AM CDT 30-Apr-2024
Flood Stage is 24 ft

Blackwater River near Blue Lick

NWSLI: BLVM7, Reach ID: 7500508

OBSERVED

FORECAST



- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/BLVM7>





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Latest observed value: 35.2 ft
10:45 AM CDT 30-Apr-2024
Flood Stage is 26 ft

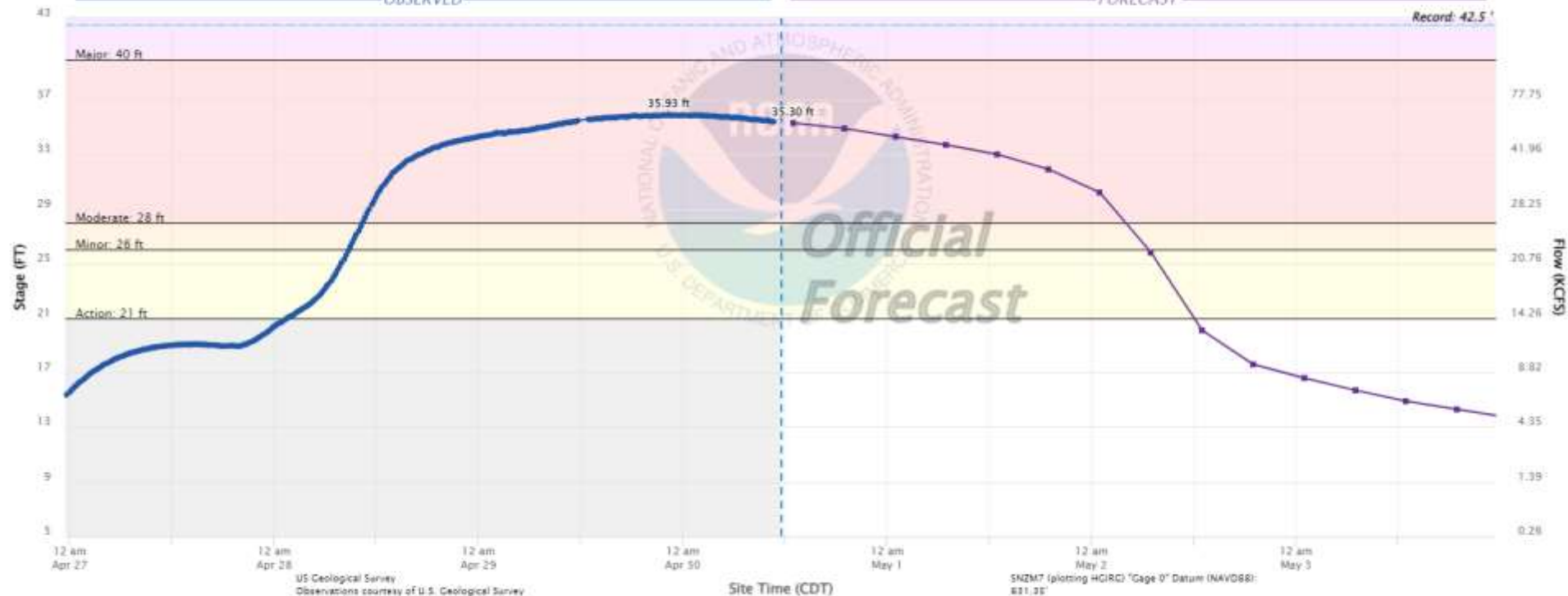
Grand River near Sumner

NWSLI: SNZM7, Reach ID: 5969716

OBSERVED

FORECAST

Record: 42.5'



- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/SNZM7>





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Latest observed value: 48.90 ft
10:45 AM CDT 30-Apr-2024
Flood Stage is 41 ft

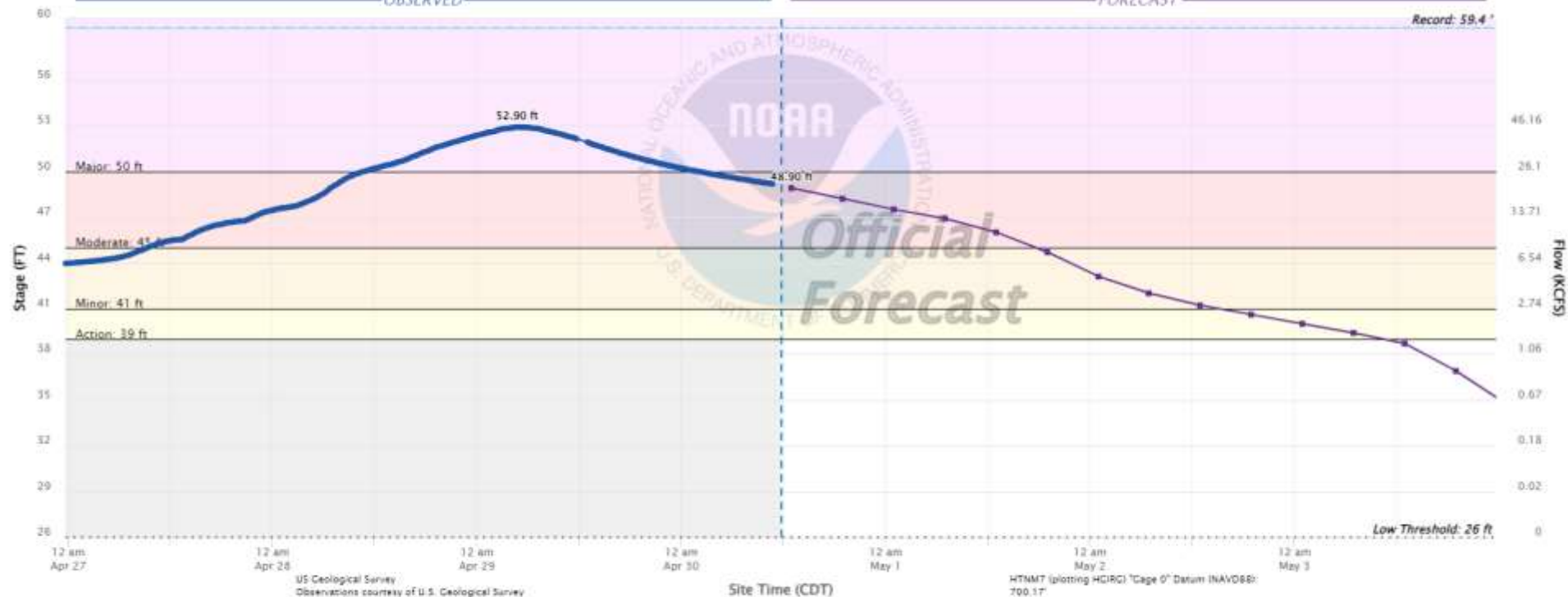
Little Osage River at Horton

NWSLI: HTNM7, Reach ID: 7362777

OBSERVED

FORECAST

Record: 59.4'



- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/HTNM7>





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Latest observed value: 27.55 ft
1:45 PM CDT 30-Apr-2024
Flood Stage is 20 ft

Marmaton River near Nevada

NWSLI: NVDM7, Reach ID: 7367099

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FORECAST



- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/NVDM7>





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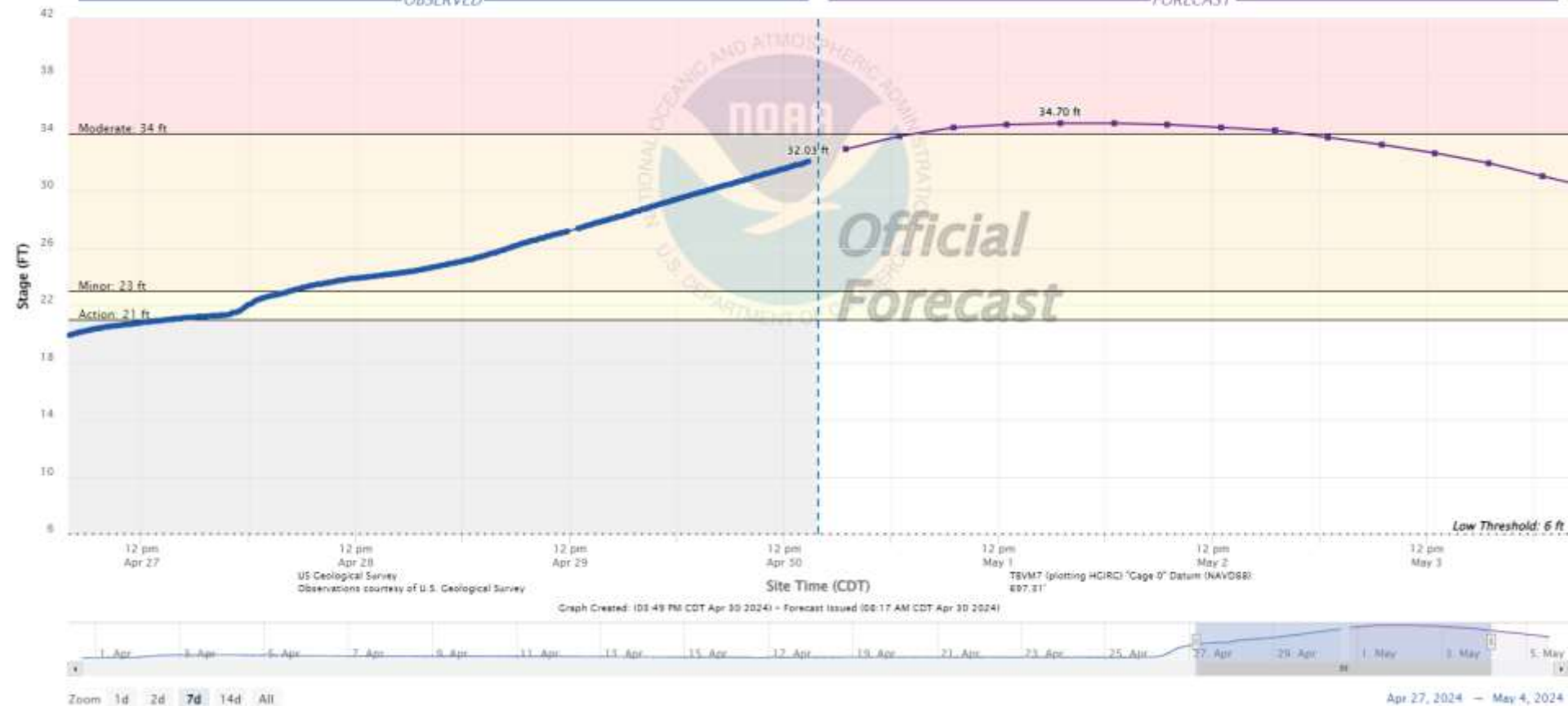
Latest observed value: 22.83 ft
2:45 PM CDT 30-Apr-2024
Flood Stage is 23 ft

Osage River near Taberville

NWSLI: TBVM7, Reach ID: 2984150

OBSERVED

FORECAST



- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/TBVM7>





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Missouri River Active or Forecasted Flooding Gages





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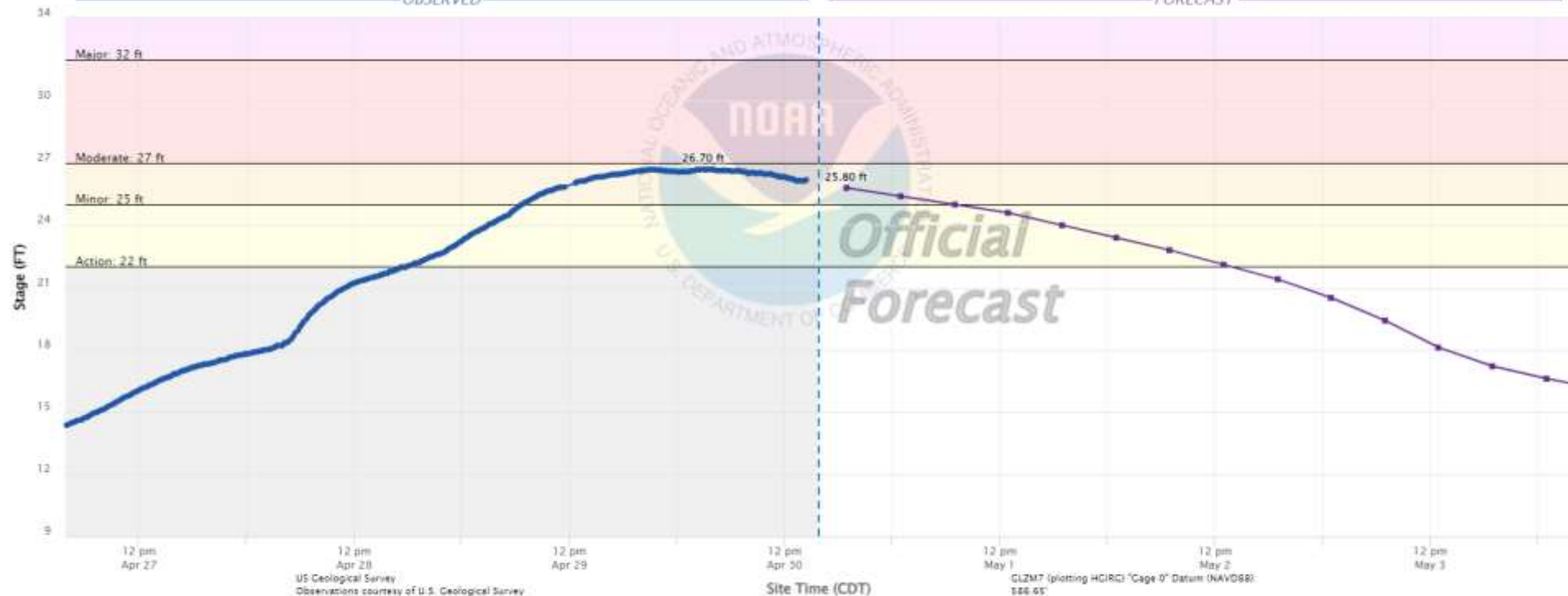
Latest observed value: 26.19 ft
2:30 PM CDT 30-Apr-2024
Flood Stage is 25 ft

Missouri River at Glasgow

NWSLI: GLZM7, Reach ID: 5158001

OBSERVED

FORECAST



Graph Created: 10:49 PM CDT Apr 30 2024 - Forecast Issued: 09:30 AM CDT Apr 30 2024



- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/GLZM7>





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Latest observed value: 24.25 ft
3:58 PM CDT 30-Apr-2024
Flood Stage is 21 ft

Missouri River at Boonville

NWSLI: BOZM7, Reach ID: 5166621

OBSERVED

FORECAST



Graph Created: 10:49 PM CDT Apr 30 2024 - Forecast Issued: 09:30 AM CDT Apr 30 2024



- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/BOZM7>





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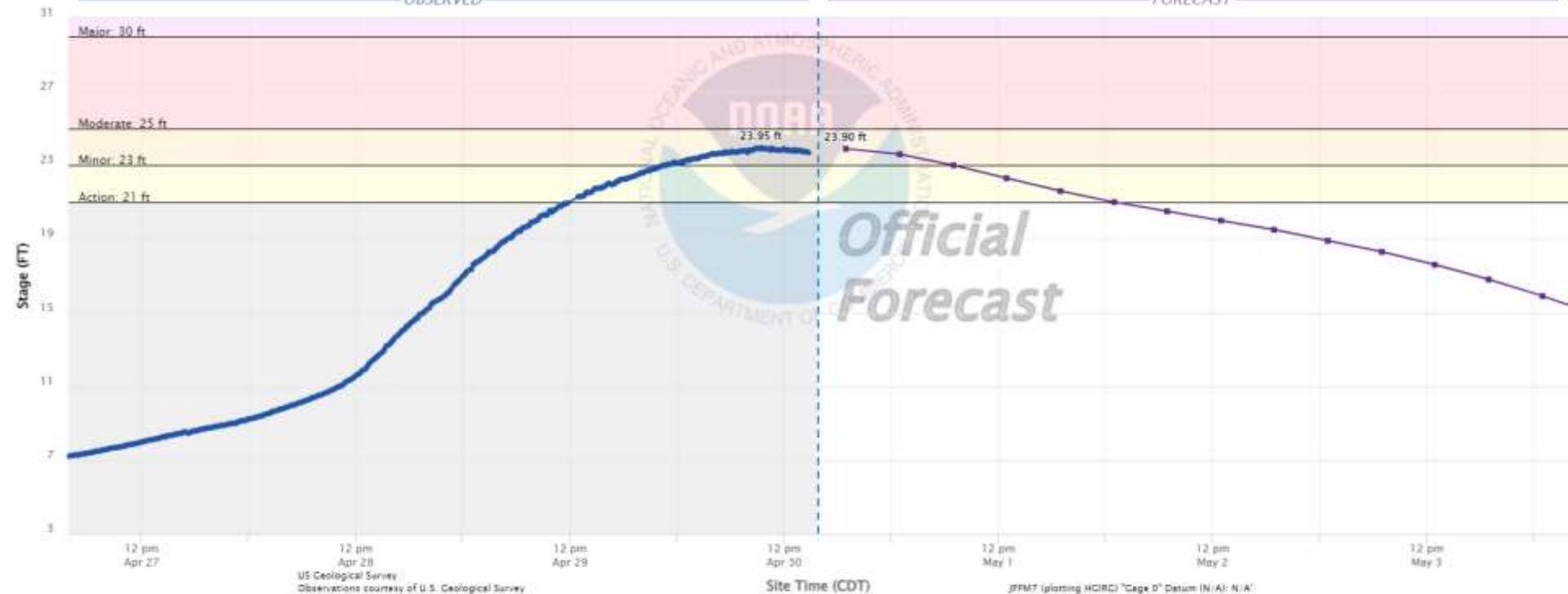
Latest observed value: 23.95 ft
2:45 PM CDT 30-Apr-2024
Flood Stage is 23 ft

Missouri River at Jefferson City

NWSLI: JFFM7, Reach ID: 5166993

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FORECAST



- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/JFFM7>





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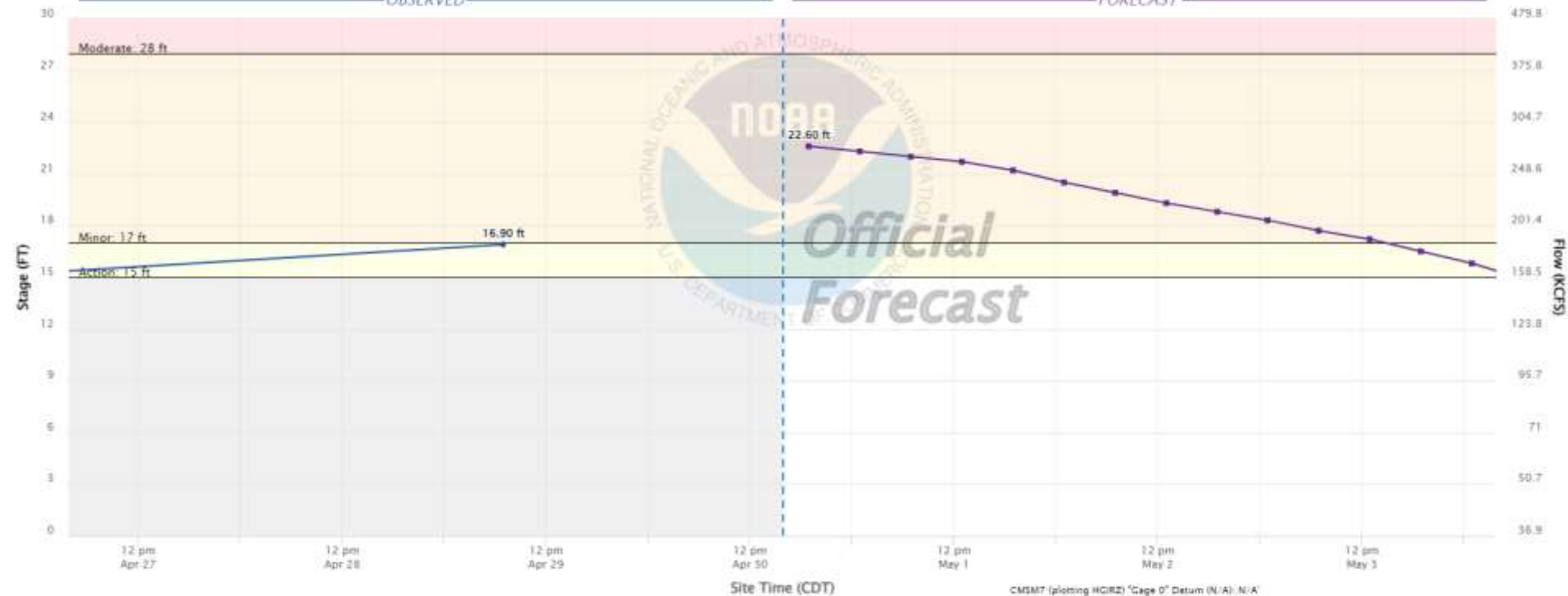
Latest observed value: 16.3 ft
7:50 AM CDT 29-Apr-2024
Flood Stage is 17 ft

Missouri River near Chamois

NWSLI: CMSM7, Reach ID: 5160349

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FORECAST



Graph Created: 10:50 PM CDT Apr 30 2024 - Forecast Issued: 09:23 AM CDT Apr 30 2024

CMSM7 (plotting HGRZ) "Gage 0" Datum (N/A): N/A



- For stage-related impacts and other site-specific details go to:

<https://water.noaa.gov/gauges/CMSM7>





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Latest observed value: 25.74 ft
3:30 PM CDT 30-Apr-2024
Flood Stage is 21 ft

Missouri River at Hermann

NWSLI: HRNM7, Reach ID: 6013072



- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/HRNM7>





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Latest observed value: 22.86 ft
2:45 PM CDT 30-Apr-2024
Flood Stage is 20 ft

Missouri River at Washington

NWSLI: WHGM7, Reach ID: 6013168

OBSERVED

FORECAST



Graph Created: 10:50 PM CDT Apr 30 2024 - Forecast Issued: 09:28 AM CDT Apr 30 2024



- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/WHGM7>





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Latest observed value: 26.95 ft
3:30 PM CDT 30-Apr-2024
Flood Stage is 25 ft

Missouri River at St. Charles

NWSL: SCLM7, Reach ID: 6010106

OBSERVED

FORECAST



Graph Created: 10:50 PM CDT Apr 30 2024 - Forecast Issued: 09:28 AM CDT Apr 30 2024



- For stage-related impacts and other site-specific details go to:
<https://water.noaa.gov/gauges/SCLM7>



Resources for Further Information

- Department of Natural Resources Flood Page:
<https://dnr.mo.gov/water/how-water/state-water/flooding>
- Missouri Water Resources Center – Missouri River Informational Page: <https://dnr.mo.gov/water/how-water/state-water/surface-water/interstate-waters>
- Missouri River-At-A-Glance: [Advanced Hydrologic Prediction Service | National Weather Service](#)
- Mississippi River-At-A-Glance: [Advanced Hydrologic Prediction Service | National Weather Service](#)

